

SUBJECT: Midland Machine Site
~~Macon County - Decatur, Illinois~~
LPC #1150150053

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EPA Region 5 Records Ctr.



235268

923309

Midland Machine is a machine shop located on approximately five acres of land situated between Brush College Road on the east and Illinois Route 48 on the west in or near Decatur, Illinois. [REDACTED] owns, operates, and resides at this site.

Drive-by inspections by Agency personnel on December 14, 1988, and January 10, 1989, revealed that numerous metal drums were on-site along the Brush College Road frontage of the property. After access to conduct a RCRA inspection was denied by [REDACTED] on July 25, 1989, an administrative search warrant was obtained which enabled the inspection to proceed on August 3, 1989. Over three hundred drums were found on the site. Many areas of contaminated soil were found around the drums. Thirty-two drums were inventoried during the course of the inspection, and samples were collected from some of these drums and the soil for laboratory analysis. Analytical results for ignitability for some of the samples are as follows:

<u>Sample Drum</u>	<u>Flashpoint</u>	<u>Hazardous Substance Criteria *</u>
X022	Below 70°F	Less than 140°F
X286	Below 70°F	Less than 140°F

High levels of organic solvents such as toluene and xylene were found to be present in these samples.

During the course of the Agency investigation, it was determined that this site receives no utility services. Water is obtained from an on-site well. [REDACTED] stated that the drums had been accumulated on-site since at least the early 1980's for the generation of heat and electricity. [REDACTED] further stated that waste crankcase oil, waste ink, and waste solvent would be found in the drums and containers, but he could not identify

* 35 Ill. Adm. Code 721.121

Lat 39° 51' 18.6" sec N
Long 88° 53' 51.2" sec W
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which drums contained which substance or state that these were the only waste substances on-site. For heat, [REDACTED] separates out the oil remaining in waste crankcase oil and then burns it in a furnace. For electricity, waste substances were processed through a fuel cracking tower to produce a diesel fuel substitute which was then burned in a generator. This cracking process was terminated in 1984 when [REDACTED] father died.

consultation with Agency personnel indicate that the above-described hazardous substances at the site pose an immediate health and public safety hazard to the community and to the environment. Therefore, pursuant to the authority vested in the Illinois Environmental Protection Agency pursuant to Section 34 of the Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111 $\frac{1}{2}$, Section 1034), I HEREBY ORDER THAT THE FOLLOWING DESCRIBED SITE BE SEALED FORTHWITH:

Any area of the Midland Machine site where any drum(s), tank(s), or other container(s) is/are located, including any area around said drum(s), tank(s), or container(s) within fifteen (15) feet of said drum(s), tank(s) or container(s), said Midland Machine site consisting of approximately five acres of land situated between Brush College Road on the east and Illinois Route 48 on the west, all in the east $\frac{1}{4}$ of Section 30, Township 17 North, Range 3 East, Macon County, Illinois.

R. D. P. V. H.

~~William I. Miller~~
Bernard P. Killian

Director

ILLINOIS ENVIRONMENTAL

PROTECTION AGENCY

Dated:

8/13/90

GR:mm/39-1